

Amendment to the Claim

The listing of claims will replace the previous version, and the listing of claims:

Listing of Claims

1. (Previously Presented) A visible light emitting device, comprising at least:

a semiconductor light emitting element configured to emit bluish purple or blue light;

a support member formed with a depression for placing said semiconductor light emitting element therein, said depression constituted as a visible wavelength light reflective surface;

terminals configured to supply electric power to said semiconductor light emitting element; and

a phosphor configured to absorb a part or the whole of light emitted from said light emitting element, and to emit fluorescence at a wavelength different from that of the absorbed light, the phosphor including X% of a first fluorescent material configured to emit green, yellowish green, or yellow light, and Y% of a second fluorescent material configured to emit yellowish red or red light, at a mixing ratio meeting a condition of $0 \leq X < 100$, $0 < Y \leq 100$, and $0 < X+Y \leq 100$,

wherein said second fluorescent material comprises a CaAlSiN_3 crystal phase including, dissolved therein in a solid state, one or more element(s) selected from Mn, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu.

2. (Previously Presented) The light emitting device of claim 1, wherein said second fluorescent material contains at least Eu.

3. (Previously Presented) The light emitting device to emit arbitrary colors of claim 1, wherein said semiconductor light emitting element is a blue light emitting diode having a main emission wavelength of 380nm to 485nm.

4. (Previously Presented) A lighting apparatus, comprising three or more light source units, each light source unit including at least one light emitting device,

 said light emitting device including at least:

 a semiconductor light emitting element configured to emit bluish purple or blue light;

 a support member formed with a depression for placing said semiconductor light emitting element therein, said depression constituted as a visible wavelength light reflective surface;

 terminals configured to supply electric power to said semiconductor light emitting element; and

 a phosphor configured to absorb a part or the whole of light emitted from said light emitting element, and to emit fluorescence at a wavelength different from that of the absorbed light, the phosphor including at least one of a first fluorescent material configured to emit green, yellowish green, or yellow light, and a second fluorescent material mainly including CaAlSiN₃ crystal phase and configured to emit yellowish red or red light,

 wherein each of said light source units or each of said light

emitting device has a mixing ratio of said first fluorescent material to said second fluorescent material, which mixing ratio is different from those of the other light source units or other light emitting devices, in a manner that different light emission colors are visible, site by site of said lighting apparatus.

5. (Previously Presented) The lighting apparatus of claim 4, wherein the phosphor includes X% of said first fluorescent material, and Y% of said second fluorescent material, at a mixing ratio meeting a condition of $0 \leq X < 100$, $0 < Y \leq 100$, and $0 < X+Y \leq 100$, and

wherein said second fluorescent material comprises said CaAlSiN_3 crystal phase including, dissolved therein in a solid state, one or more kinds of element(s) selected from Mn, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu.

6. (Previously Presented) The lighting apparatus of claim 5, wherein each light source unit is optically connected with a light guiding member including a scattering element.

7. (Previously Presented) The lighting apparatus of claim 6, wherein said scattering element comprises air bubbles, and said light guiding member is a rod-like member made of transparent resin.

8. (Previously Presented) The light emitting device to emit arbitrary colors of claim 1, wherein said semiconductor light emitting element is a light emitting semiconductor diode element made of InGaN.

9. (Previously Presented) The light emitting device to emit arbitrary colors of claim 1, wherein said semiconductor light emitting element is a light emitting semiconductor diode element comprising a substrate made of sapphire.

10. (Previously Presented) The light emitting device to emit arbitrary colors of claim 1, wherein said first fluorescent material is a phosphor having a main emission wavelength of 495nm to 585nm.

11. (Previously Presented) The light emitting device to emit arbitrary colors of claim 10, wherein said first fluorescent material is a yttrium/aluminum/garnet based phosphor.

12. (Previously Presented) The light emitting device to emit arbitrary colors of claim 1, wherein said second fluorescent material is a phosphor having a main emission wavelength in a range of "red" by a general chromaticity classification, according to system color names of JIS Z8110.

13. (Previously Presented) The light emitting device to emit arbitrary colors of claim 1, wherein said phosphors are dispersed in a transparent material.

14. (Currently Amended) The light emitting device to emit arbitrary colors of claim [[1]] 13, wherein said transparent material is an epoxy resin, a silicone resin, or a glass.